OST. 50X1-HUM Sanitized Copy Approved for Release 2011/06/09 : CIA-RDP82-00457R002200730002-9 CENTRAL INTELLIGENCE AGENCY.REPORT INFORMATIONEREPORT CD NO. CONFIDENTIAL COUNTRY Germany (Russian Zone) DATE DISTR. 26 January 1949 SUBJECT Aerodynamic Research Cerried Out in NO. OF PAGES Berlin under Dr. Lange PLACE NO. OF ENCLS. ACQUIRED 50X1-HUM DATE OF INF SUPPLEMENT TO REPORT NO. CATALOG CONTRACTOR CON Tail dolubilat coltains empediation appetities the hatiopal decembe of the united states uttain the beaming of the explance act so 0.5. C. 21 and 23, 26 albedth. In trademistry or the explance of the coateru in any learner to as drauticolized persons to elected by Law. Leproduction of the position to properly the THIS IS LINEWALLIATED INFORMATION 50X1-HUM 50X1-HUM Research is being conducted on the following acrodynamic training devices in the office of Dr. Lenge (former chief of the Deutsche Versuches Colling) Luftfahrt): Junkers turbines RK Der went turbines Walter devices Smoke wind channel Formation-flying instruments Series gauges Resistance compressors for wind channels Wind channel (Wind current producer) Two-component balances Propeller-thrust measuring instruments The office of Dr. Lange, located at Tratzschlerstrasse 3/4 in Berlin-Johannister. has been given full authority by the SMA to develop the equipment listed above. This office, which employs approximately 35 persons (technicians and builders), is directed by Dr. Lange. The expenses for personnel are entirely covered by the Soviets who pay high salaries and make large quartities of food available to those employed in this office. Several of the serodynamic training models made in the offices of Dr. Lange could not be mass-produced. Middifications in construction had to be made. At the outset each model had to be made in 5 copies which were sent to Moscow for testing. The Moscow technicians limited themselves to several changes in extraneous details, and the "Industrie Werke Sachsen-Anhalt" received an order for 550 samples. (Orders for each series customarily call for 550 pieces.) It is probable that Dr. Lange developed the scale for the measurement of two components up to six components. On 10 January 1948 the plans of the latter were drawn and the I.W. Sacksen-Anhalt were to make copies of them also, The instrument for the measurement of the thrust developed by helicopters was completed for the simultaneous measurement of thrust and waction. Russians delivered the manufacturing license and an order for 560 becces was given to the Industrie Werke. CLASSIFICATION RETI /COUTROI STATE NAVY NSRB FBI DISTRIBUTION ARMY Document No. NO CHANGE in Class. ☐ DECLASSIFIED Class. CHANGED TO: S DDA Memo, 4 Apr 77 Auth: DDA REG. Date: 8May 78 CONFIDENTIAL 50X1-HUM Sanitized Copy Approved for Release 2011/06/09: CIA-RDP82-00457R002200730002-9

Sanitized Copy Approved for Release 2011/06/09 : CIA-RDP82-00457R002200730002-9

SECRET/CONTROL . U.S. OFFICIALS ONLY.
CENTRAL INTELLIGENCE AGENCY

50X1-HUM

... 2 ...

- 6. Besides the development of small-scale airplanes (known as the "M" series), the offices of Dr. Lange also developed optical apparatus, designated by the letter "I".
- 7. The apparatuses of the "I" series are built by the state-owned enterprises of Thuringia on order of the SMA Technical Office No. 16. Several mechanical workshops of Suhl, Erfurt and Mulhausen have been entrusted with the filling of orders. The Zeiss-Jena workshops are assigned to build 550 radar sets. A Zeiss also manufactures apparatuses for blind landing for Office No. 16.
- 8. The offices of Dr. Lange contain the groups doing research on bombs and shells. The experimental laboratories are in the basements of Tritzschlerstr. 3/4 in Johannistal. Dr. Lange takes part in these experiments personally.

SECTOT/CONTROL-U.S. OFFICIALS ONLY

SECRET

